GENERAL

autodesk revit architecture 2016 no experience required by eric wing

Published: September 19, 2026 | Index ID: #-

Introduction

When you first hear the name **Autodesk Revit Architecture 2016**, you might assume that only seasoned architects or BIM specialists can make the most of this powerful tool. That assumption is far from the truth. Whether you're a student, a hobbyist, or a professional looking to broaden your skill set, you can begin learning Revit 2016 without any prior experience. In this comprehensive guide, we'll walk you through everything you need to know to get started, drawing heavily on the approachable, beginner friendly style of Eric Wing – a respected name in the Revit community who has a knack for breaking down complex concepts into clear, digestible steps.

By the end of this article, you'll understand why Revit 2016 remains a relevant choice for architects, how to install and set up the software, what the learning curve looks like, and how Eric Wing's tutorials can help you master the fundamentals. We'll also cover workflow tips, common challenges, and the real-world benefits of adopting Revit for your projects.

What is Revit Architecture 2016?

Revit Architecture is part of Autodesk's Building Information Modeling (BIM) family, designed to streamline the design, documentation, and construction process for buildings. Version 2016 introduced several improvements that made it easier for beginners to adopt the platform, while also adding powerful features for experienced users. Below are the key aspects that make Revit 2016 a solid starting point.

Core Features of Revit 2016

- Parametric Modeling: Build walls, roofs, floors, and components that automatically update when you make changes.
- Family Editor: Create and modify custom components (doors, windows, furniture) with parametric controls.
- Integrated Documentation: Generate floor plans, sections, elevations, and schedules directly from your model.
- Collaboration Tools: Work with teams using Worksets, Revit Server, and BIM 360 integration.
- Rendering and Visualization: Quick visual renderings with the built in Revit render engine.
- Interoperability: Import and export DWG, DXF, IFC, and other formats for seamless collaboration.

Why Revit 2016 Still Matters

Despite newer releases, many firms still run Revit 2016 due to its stability, compatibility with legacy projects, and lower licensing costs. For learners, the 2016 interface is slightly less cluttered than newer versions, making the learning process smoother. Moreover, many of the core concepts remain unchanged, so knowledge gained in 2016 transfers well to later releases.

Eric Wing: No Experience Required

Eric Wing has built a reputation for demystifying Revit. His tutorials focus on "no experience required" principles, guiding beginners through foundational concepts before moving to advanced techniques. Eric's style is conversational, peppered with real world examples, and often includes step by step screenshots (in the actual

videos) that translate well into written instructions.

What Makes Eric Wing's Approach Effective?

1. Chunking: Breaking down complex tasks into manageable steps.
2. Contextual Learning: Showing how each feature fits into the overall design workflow.
3. Hands On Exercises: Encouraging readers to replicate actions in their own Revit session.
4. Clear Language: Avoiding jargon unless it's explained in plain terms.
5. Community Support: Engaging with a vibrant community that offers feedback and resources.

By following Eric's methodology, you'll find that learning Revit 2016 becomes a structured, enjoyable experience rather than a daunting task.

Getting Started: Installation and Setup

Before you can dive into modeling, you need to set up Revit Architecture 2016 on your computer. Here's a step by step guide.

System Requirements

Revit 2016 is relatively lightweight compared to newer releases, but you still need a capable machine:

- Windows 7 or later (64 bit)
- Intel Core i5 or equivalent
- 4 GB RAM minimum (8 GB recommended)
- 1.5 GB free disk space (more for large projects)
- DirectX 11 compatible graphics card with at least 256 MB VRAM

Downloading Revit 2016

Since Autodesk no longer offers a free download for Revit 2016, you'll need to:

1. Check if your organization has a volume license.
2. Use the Autodesk Education Community for students and educators.
3. Purchase a license from Autodesk's authorized resellers.

Installation Steps

1. Run the installer and choose the "Custom" installation to select only Revit Architecture.
2. Follow the prompts, accepting the license agreement.
3. After installation, launch Revit and activate your product using the license key.

First Project Setup

Open Revit and create a new project:

1. Click New > Architectural > Architectural Project.
2. Choose a template that suits your region (e.g., US Architectural Template).
3. Save the project immediately to avoid data loss.

Learning Resources: Eric Wing and Beyond

While Eric Wing's tutorials are a great starting point, supplementing them with other resources can accelerate your learning curve.

Eric Wing's Revit 2016 Series

Eric's video series on Revit 2016 covers:

- Project setup and view management
- Basic wall and floor creation
- Using families and parameters
- Annotating and dimensioning
- Generating schedules and sheets
- Exporting to PDF and DWG

Each video is under 10 minutes, making it easy to digest and practice.

Other Online Tutorials

- Autodesk University: Free courses on BIM fundamentals.
- LinkedIn Learning: Structured courses for beginners and intermediate users.
- Revit Forum: Community-driven Q&A for troubleshooting.
- YouTube Channels: “The Revit Kid,” “BIM 360,” and “Revit Tutorials” provide practical demos.

Books and eBooks

Consider reading:

- “Revit Architecture 2016 for Dummies” – a beginner-friendly guide.
- “Mastering Revit Architecture” – deeper dives into advanced features.
- “BIM Handbook” – for understanding the broader context of building information modeling.

Building Your First Model: A Step by Step Tutorial

Let’s walk through creating a simple residential floor plan, applying Eric Wing’s “no experience required” approach.

Step 1: Setting Up Levels and Grids

1. Open the Architecture tab and select Level to create the ground floor.
2. Use the Grid tool to define the layout. Place at least two intersecting grids for reference.
3. Label each grid for clarity.

Step 2: Drawing Walls

1. From the Architecture tab, click Wall.
2. Choose the Basic Wall type from the properties panel.
3. Click on the drawing area to start drawing, then double click to finish.
4. Use the Modify tab to trim or extend walls as needed.

Step 3: Adding Doors and Windows

1. Select Door from the Architecture tab.
2. Choose a door family that matches your design.
3. Place the door on a wall by clicking the wall line.
4. Repeat for windows, adjusting placement to fit the wall’s height.

Step 4: Creating a Floor

1. Click Floor from the Architecture tab.
2. Use the Sketch tool to trace the outer perimeter of the walls.
3. Finish the sketch and Revit will generate the floor surface.

Step 5: Adding a Ceiling

1. Choose Ceiling from the Architecture tab.
2. Sketch the same perimeter as the floor.

3. Set the ceiling height to match the level.

Step 6: Annotating the Plan

- Use the Annotate tab for dimensions, text notes, and tags.
- Apply Room Tags to label each space.
- Generate Room Schedules for a quick overview of area and volume.

Step 7: Creating Sheets

1. Go to the View tab and click Sheet.
2. Choose a sheet size (e.g., A2).
3. Drag your floor plan view onto the sheet.
4. Add title blocks and legends for a professional look.

Step 8: Exporting Your Work

- To export a PDF, select Export > PDF and choose the desired view.
- For DWG export, use Export > CAD Formats > DWG.
- Ensure you set the correct scale and layers for accurate collaboration.

Workflow Tips for Efficiency

Adopting Revit 2016 doesn't just mean learning how to create a model; it's also about mastering a workflow that maximizes productivity. Below are practical tips that align with Eric Wing's philosophy.

Use Templates Strategically

Templates come pre loaded with families, levels, and title blocks. Pick a template that matches your region's standards to save time.

Baca Juga (Artikel Terkait)

- **advanced engineering electromagnetics solution manual edition hardcover by balanis constantine a published by wiley**
  URL: http://blueesystems.com/advanced-engineering-electromagnetics-solution-manual-edition-hardcover-by-balanis-constantine-a-published-by-wiley.pdf
- **advanced engineering electromagnetics solutions manual**
  URL: http://blueesystems.com/advanced-engineering-electromagnetics-solutions-manual.pdf
- **advanced engineering electromagnetics wiley 1989 grading**
  URL: http://blueesystems.com/advanced-engineering-electromagnetics-wiley-1989-grading.pdf
- **advanced engineering fluid mechanics by biswas**
  URL: http://blueesystems.com/advanced-engineering-fluid-mechanics-by-biswas.pdf

Tags: #autodesk #revit #architecture